

Amendment and Response

Applicant: Michael C. Robinson et al.
Serial No.: 10/633,804
Filed: August 4, 2003
Docket No.: 200207438-1
Title: COMPUTER DATABASE ACCESS

REMARKS

The following Remarks are made in response to the Non-Final Office Action mailed May 17, 2007, in which claims 1-9, 11-17, and 21 were rejected.

With this Amendment, claims 1, 7, 15, and 21 have been amended to clarify Applicant's invention.

Claims 1-9, 11-17, and 21, therefore, remain pending in the application and are presented for reconsideration and allowance.

Claim Rejections under 35 U.S.C. § 103

Claims 1-17 and 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tsuchiya US Patent No. 6,950,864 in view of Essential SNMP, by Douglas Mauro et al. October 15, 2001, and in further view of "Official Notice".

Applicant notes that claim 10 was previously cancelled without prejudice.

With this Amendment, independent claim 1 has been amended to clarify that the method includes "an agent receiving said unique identifier from said management application and storing said unique identifier in a restricted intermediate database which is distinct from the database of interest and to which access is unavailable with the management application," wherein "the agent is distinct from the restricted intermediate database and the database of interest."

With this Amendment, independent claim 7 has been amended to clarify that the apparatus includes "an agent configured to monitor said second network device," wherein "said agent is distinct from the restricted intermediate database and the database of interest."

With this Amendment, independent claim 15 has been amended to clarify that the apparatus includes "an agent programmed to monitor said device," wherein "said agent is distinct from the restricted intermediate database and the database of interest."

With this Amendment, independent claim 21 has been amended to clarify that the method includes "an agent receiving said unique identifier from said management application and storing said unique identifier in a restricted intermediate database which is distinct from the database of interest and to which access is unavailable by the management application," wherein "the agent is distinct from the restricted intermediate database and the database of interest."

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Accordingly, with this Amendment, independent claims 1, 7, 15, and 21 have each been amended to clarify that the agent is distinct from the restricted intermediate database and the database of interest.

With the above amendments, independent claims 1, 7, 15, and 21, therefore, each include an agent (1) receiving a unique identifier for a data item, a data type for the data item, and an action to be performed on said data item from a management application or network device/management station, (2) storing the unique identifier and the data type in a restricted intermediate database which is distinct from the database of interest and to which access is unavailable with/by the management application, and (3) issuing an action command to the database of interest to perform the action on the data item using the stored unique identifier, the stored data type, and the action, whereby the agent (4) receives a response from the database of interest and sends the response to the management application or network device/management station, and wherein the agent is distinct from the restricted intermediate database and the database of interest.

With respect to the Tsuchiya and Mauro references, Applicant submits that these references, individually or in combination, do not disclose a method for accessing a database of interest as claimed in independent claim 1, do not disclose an apparatus for accessing a database of interest as claimed in independent claim 7, do not disclose an apparatus for accessing a database of interest as claimed in independent claim 15, and do not disclose a computer-readable medium having computer-readable instructions for performing a method of accessing a database of interest as claimed in independent claim 21.

Regarding the Tsuchiya reference, the Examiner appears to correlate management table 20 and table managing section 22 of the Tsuchiya reference to the restricted intermediate database and the database of interest of independent claims 1, 7, 15, and 21. Applicant notes, however, that management table 20 and table managing section 22 of the Tsuchiya reference are both part of object managing section 19, and that object managing section 19 is part of control processing section 17 which, in turn, is part of SNMP agent 14 (see, e.g., FIGS. 1, 3, 4, and 5). Thus, management table 20 and table managing section 22 of Tsuchiya reference are both part of SNMP agent 14. Management table 20 and table managing section 22 of Tsuchiya reference, therefore, are not distinct from SNMP agent 14. Accordingly, the Tsuchiya reference does not disclose an agent (1) receiving a unique

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identifier for a data item, a data type for the data item, and an action to be performed on said data item from a management application or network device/management station, (2) storing the unique identifier and the data type in a restricted intermediate database which is distinct from the database of interest and to which access is unavailable with/by the management application, and (3) issuing an action command to the database of interest to perform the action on the data item using the stored unique identifier, the stored data type, and the action, whereby the agent (4) receives a response from the database of interest and sends the response to the management application or network device/management station, and wherein the agent is distinct from the restricted intermediate database and the database of interest.

In view of the above, Applicant submits that independent claims 1, 7, 15, and 21 are each patentably distinct from the Tsuchiya and Mauro references and, therefore, are each in a condition for allowance. Furthermore, as dependent claims 2-6 further define patentably distinct claim 1, dependent claims 8, 9, and 11-14 further define patentably distinct claim 7, and dependent claims 16-17 further define patentably distinct claim 15, Applicant submits that these dependent claims are also in a condition for allowance. Applicant, therefore, respectfully requests that the rejection of claims 1-17 and 21 under 35 U.S.C. 103(a) be reconsidered and withdrawn, and that claims 1-9, 11-17, and 21 be allowed.

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CONCLUSION

In view of the above, Applicant respectfully submits that pending claims 1-9, 11-17, and 21 are all in a condition for allowance and requests reconsideration of the application and allowance of all pending claims.

Any inquiry regarding this Amendment and Response should be directed to either Nathan R. Rieth at Telephone No. (208) 396-5287, Facsimile No. (208) 396-3958 or Scott A. Lund at Telephone No. (612) 573-2006, Facsimile No. (612) 573-2005. In addition, all correspondence should continue to be directed to the following address:

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Respectfully submitted,

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